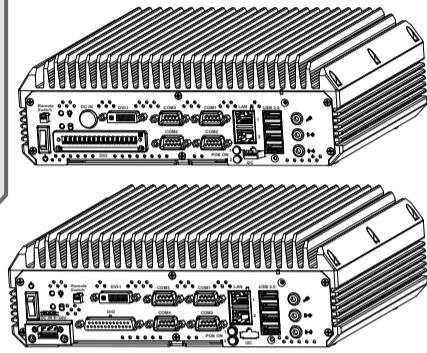


SE-8400

Quick Reference Guide



Ver. Q3

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Specifications

System

CPU Support	6th Gen. Intel® Core™ i7/i5/i3 & Pentium/Celeron® LGA1151 socket processor (CPU TDP max. up to 35W)
Chipset	Intel® Q170/ H110
Memory Support	2 x DDR4 2133MHz SO-DIMM up to 32 GB
Drive Bay	2 x 2.5" SATAIII HDD/SSD (support RAID 0/1 in Q170 SKU only)
Audio	1 x Line In / 1 x Line Out / 1 x Mic
Expansion Slots	1 x Full-sized mini-PCIe (mini PCIe, USB and SIM signals) 1 x Half-sized mini-PCIe (mini PCIe and USB signals) 1 x SIM card slot / 1 x CFAST slot
Weight / Dimensions	4.5 kg / 260mm(W) x 80mm(H) x 200mm(D)
Power Input	DC In 9~36V
Certificate	FCC/CE

I/O Ports (Front side)

Display	1 x HDMI
USB	2 x USB 3.0 (Q170), 2 x USB 2.0 (H110)
Serial Ports	COM 5/6 for RS-232 (optional)
LAN3 & LAN4	Intel LAN Chip (optional)
Parallel Port	1 x LPT port (optional)
SIM card / CFAST slot	1 x SIM card slot / 1 x CFAST slot
Power Output	1 x 3-pin terminal block for DC-out 5V/12V (1A max)

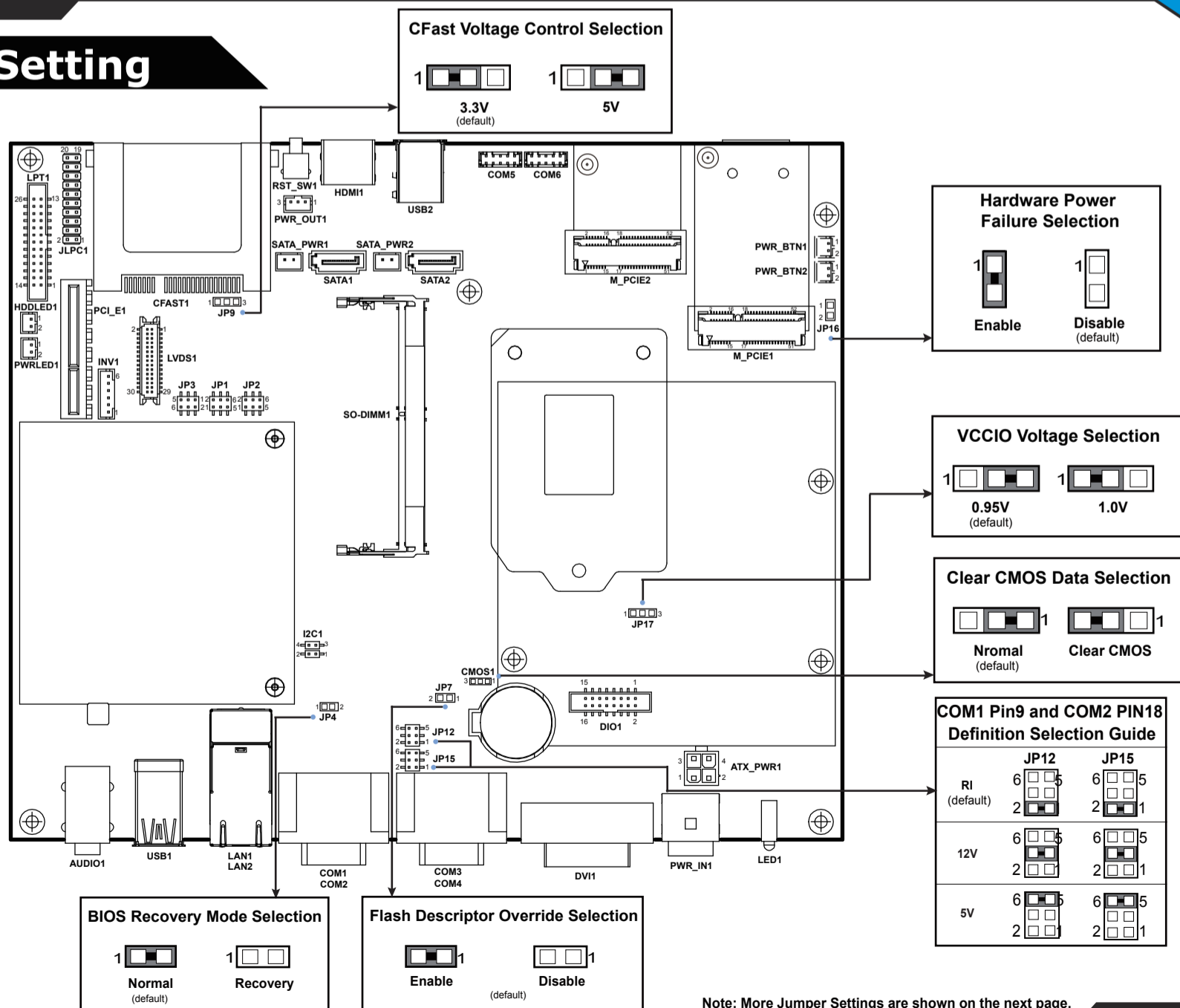
I/O Ports (Rear side)

Display	1 x DVI-I (DVI-D+VGA)
USB	4 x USB 3.0
Serial Port	COM3/4 for RS-232 COM1/2 for RS-232/422/485 (selectable under BIOS) [COM1/2 for +5V/+12V/RI selectable by jumper]
LAN	2 x GbE LAN, Wake-On-LAN, PXE LAN 1: Intel® PHY 219 LM (10/100/1000 Mbps) LAN 2: Intel® LAN 210 AT (10/100/1000 Mbps)
Digital I/O Port	8 in / 8 out, DSUB-25 type or 16-pin terminal block (optional)
Audio	1 x Line-in / 1 x Line-out / 1 x MIC
Power Input	DC in 9~36V (DIN type 4-pin connector or 3-pin terminal block)
Power On/Off	1 x power button, 1 x remote switch

Environment

Operating Temp.	HDD: 0°C ~ 40°C (32°F ~ 104°F) (with airflow) SSD: 0°C ~ 50°C (32°F ~ 112°F)
Storage Temp.	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	20% ~ 90%

Jumper Setting

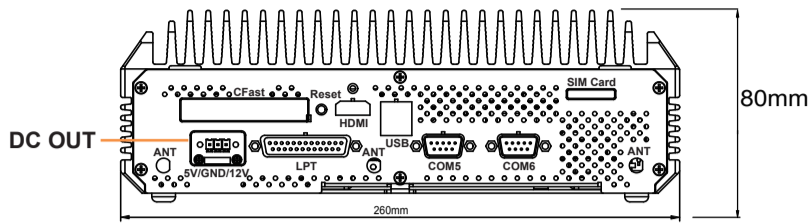


Note: More Jumper Settings are shown on the next page.

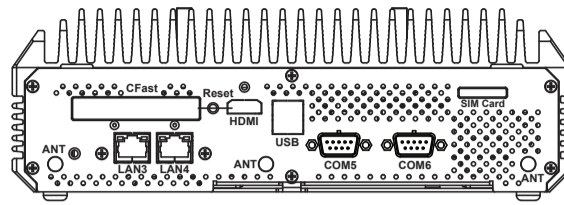
System Overview

(Unit: mm)

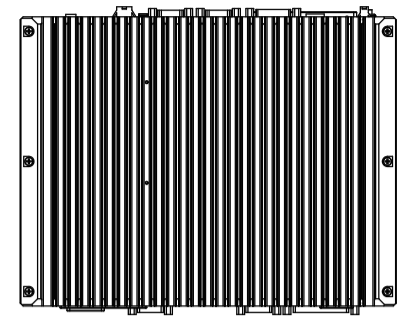
Front View (Standard)



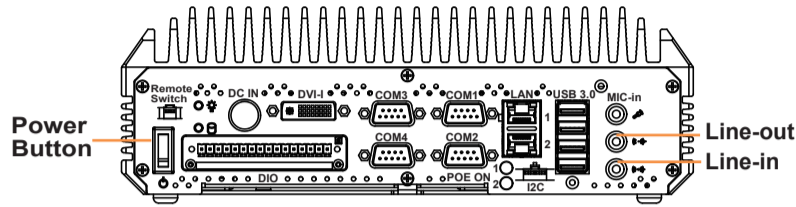
Front View (LAN3 and LAN4, optional)



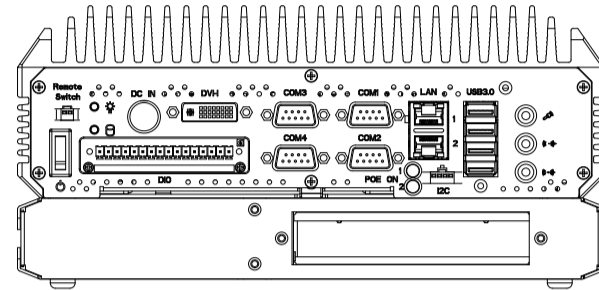
Top View



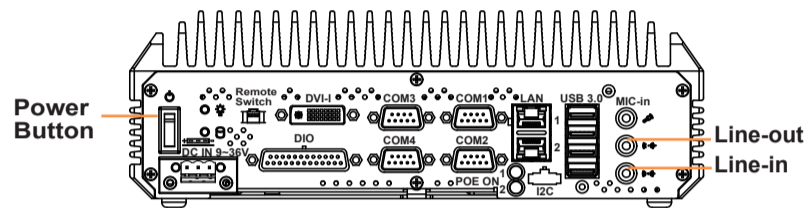
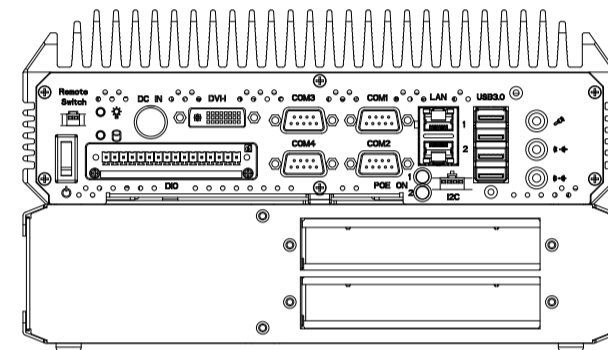
Rear View



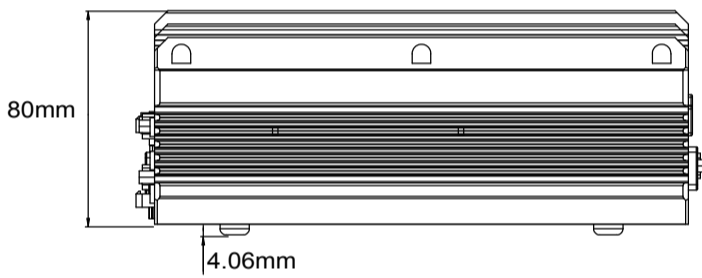
PCIE



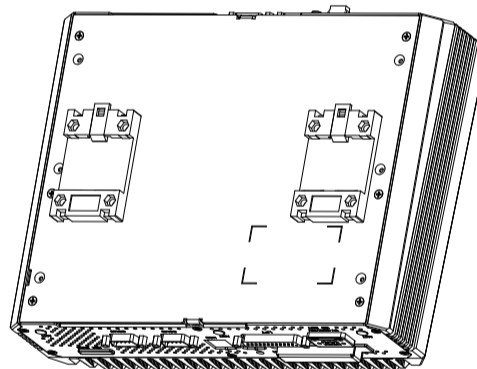
PCI



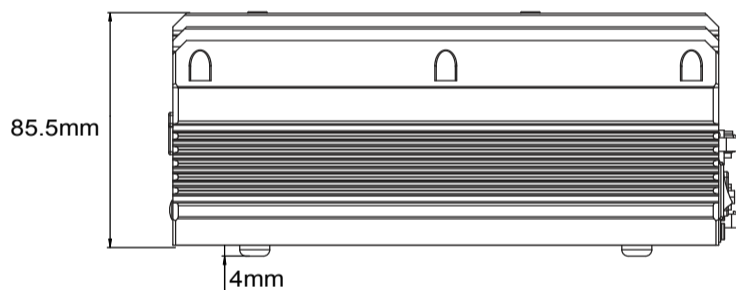
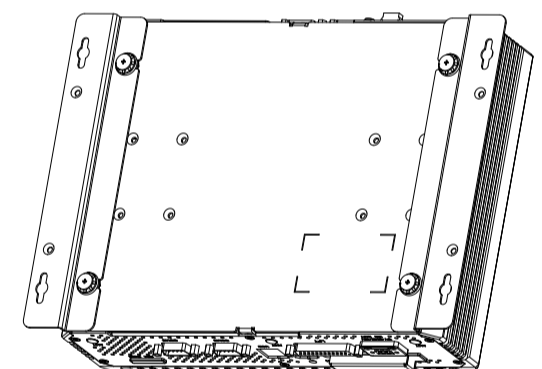
Side View



Din Rail

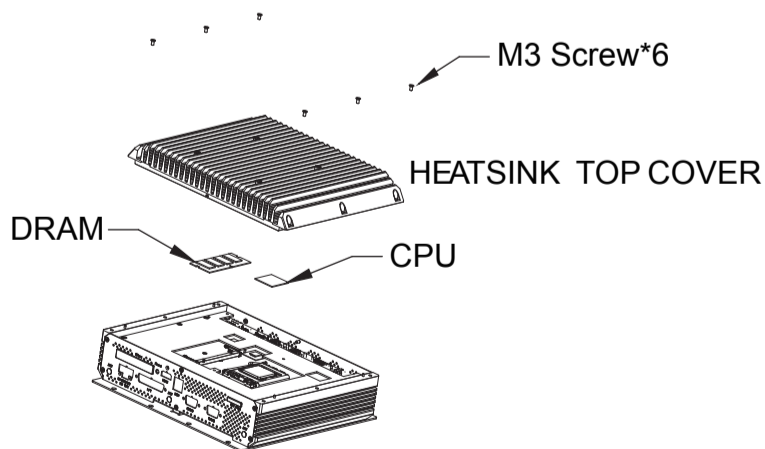


Wall Mount

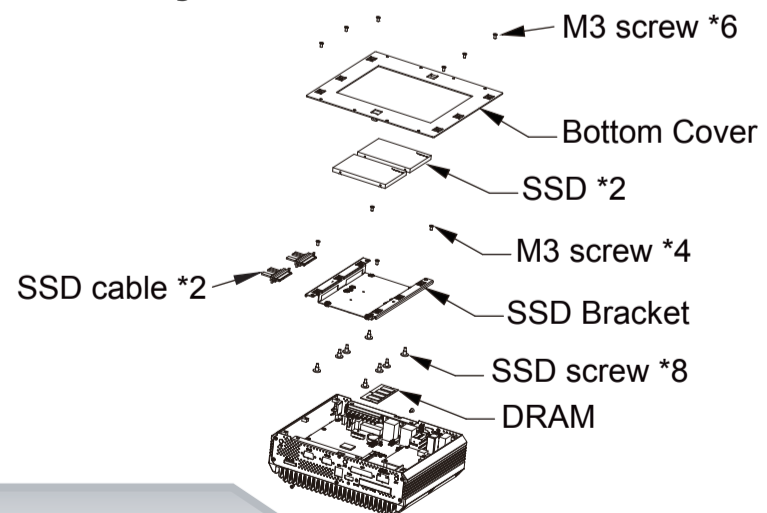


Quick Setup

Installing 1st Memory and CPU



Installing 2nd Memory and SSD



Safety Precaution

The following messages are reminders for safety on how to protect your system from damages and extend a long life for the system.

1. Check the Cable Voltage

- The range of operating voltage should be between DC 9V ~ 36V. Otherwise, the system could be damaged.

2. Environmental Conditions

- Place your SE-8400 on a sturdy, level surface. Be sure to allow enough space to have easy access around the system.
- Avoid extremely hot or cold place to install the system.
- Avoid exposure to sunlight for a long period of time or in an airtight space.
- Avoid the system from any heating device or using SE-8400 when it's been left outdoors in a cold winter day.
- Bear in mind that the operating ambient temperature is from 0°C ~ 40°C for HDD & 0°C ~ 50°C for SSD.
- Avoid moving the system rapidly from a hot place to a cold place and vice versa because condensation may come from inside of the system.
- Placing SE-8400 in strong vibrations may cause hard disk failure.
- Don't place the system close to any radio-active device in case of signal interference.

3. Handling

- Avoid putting heavy objects on top of the system.
- Don't turn the system upside down. This may cause the floppy drive and hard drive to mal-function.
- If water or other liquid spills into this product, unplug the power cord immediately.

4. Good Care

- When the outside of the case is stained, remove the stain with a neutral washing agent with a dry cloth.
- Never use strong agents such as benzene and thinner to clean the system.
- If heavy stains are present, moisten a cloth with diluted neutral washing agent or with alcohol and then wipe thoroughly with a dry cloth.
- If dust has been accumulated on the outside, remove it by using a special vacuum cleaner for computers.

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

WARNING! Some internal parts of the system may have high electrical voltage. And therefore we strongly recommend that qualified engineers can open and disassemble the system. Please handle LCD and Touchscreen with extra care as they are easily breakable.